

CLAIMS

What is claimed is:

- 1 1. An actuating device for a vehicle clutch, said actuating device
2 comprising:
3 a cylinder;
4 a stop which is fixed in relation to the cylinder;
5 a piston which can execute a working movement in said cylinder as a
6 function of a supply of pressure medium, said piston having a working travel limiting
7 surface; and
8 a damping device arranged between the stop and the working travel
9 limiting surface.
- 1 2. An actuating device as in claim 1 wherein the damping device
2 comprises a resilient body.
- 1 3. An actuating device as in claim 2 further comprising a guide sleeve
2 on which said piston is mounted for movement and a guide ring which centers said
3 piston on said guide sleeve, said guide ring forming said damping device.
- 1 4. An actuating device as in claim 2 further comprising a guide sleeve
2 on which said piston is mounted for movement and a seal which seals said piston in
3 relation to said guide sleeve, said seal forming said damping device.

1 5. An actuating device as in claim 1 wherein the piston has an annular
2 step comprising an axial surface which forms said working travel limiting surface and a
3 circumferential surface which is oriented toward a circumferential surface of the stop.

1 6. An actuating device as in claim 1 wherein the stop and the piston
2 form a compression space having a volume which is dependent on the position of the
3 piston.

1 7. An actuating device as in claim 6 wherein the stop forms a part of
2 the compression space into which the piston can move.

1 8. An actuating device as in claim 5 wherein said annular step forms
2 part of a compression space having a volume which is dependent on the position of the
3 piston, the actuating device further comprising a seal which is effective between the
4 circumferential surface of the piston and the circumferential surface of the stop.

1 9. An actuating device as in claim 6 further comprising a throttle orifice
2 communicating with said compression space.

1 10. An actuating device as in claim 9 comprising a plurality of throttle
2 orifices communicating with said compression space, said orifices being blocked as a
3 function of the position of the piston.

1 11. An actuating device as in claim 5 wherein said circumferential
2 surfaces are conical surfaces.

1 12. An actuating device as in claim 11 further comprising an
2 elastomeric ring between the conical surface of the piston and the conical surface of the
3 stop.

1 13. An actuating device as in claim 1 further comprising a groove in
2 which the stop is mounted, the stop comprising a radially elastic ring which is mounted
3 in the groove with radial play.